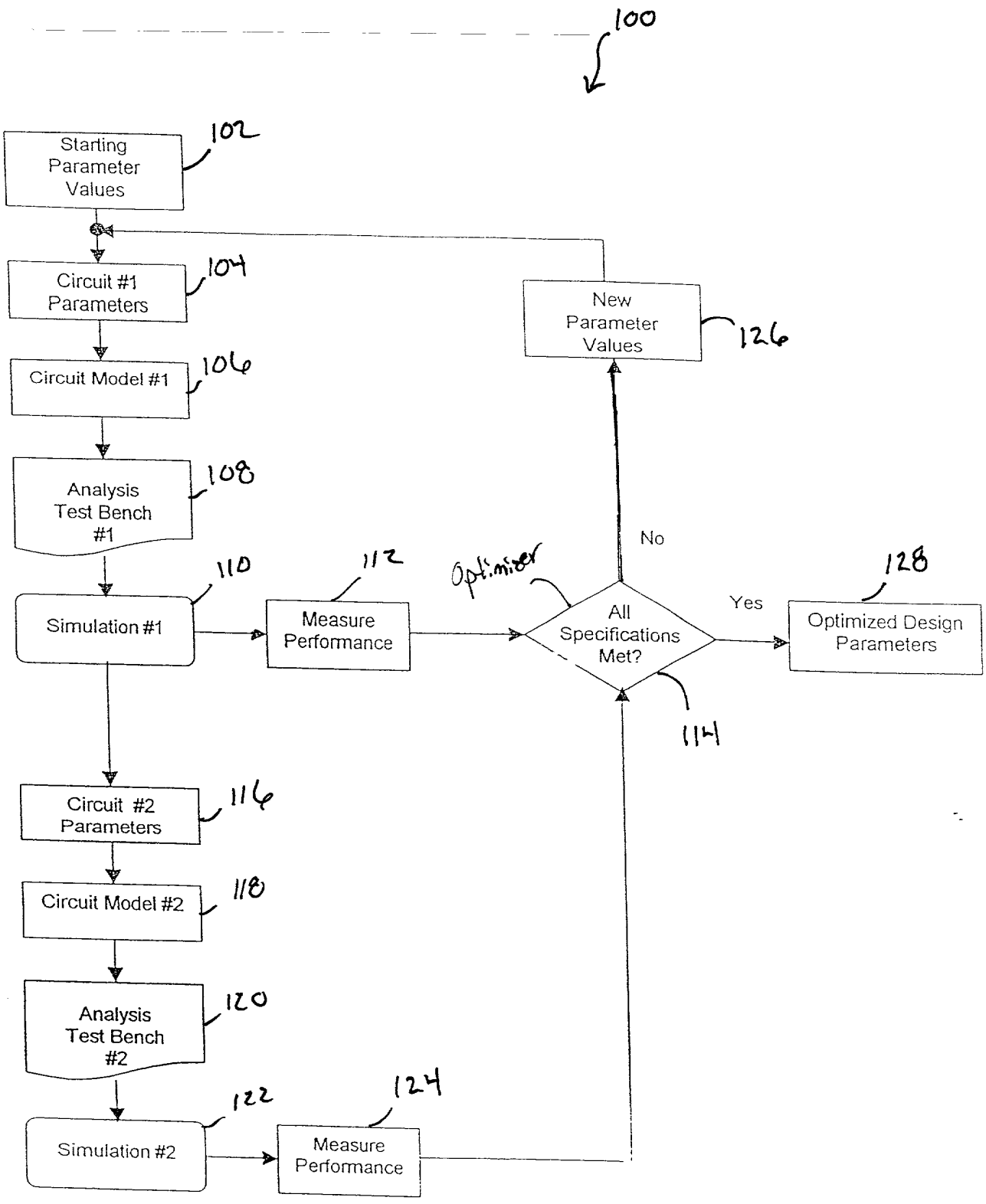
100
Starting Parameter Values
102
Circuit #1 Parameters
104
Circuit Model #1
106
Analysis Test Bench #1
108
Simulation #1
110
Measure Performance
112
Optimizer
All Specifications Met?
114
No
New Parameter Values
126
Yes
Optimized Design Parameters
128
Circuit #2 Parameters
116
Circuit Model #2
118
Analysis Test Bench #2
120
Simulation #2
122
Measure Performance
124

FIG. 1

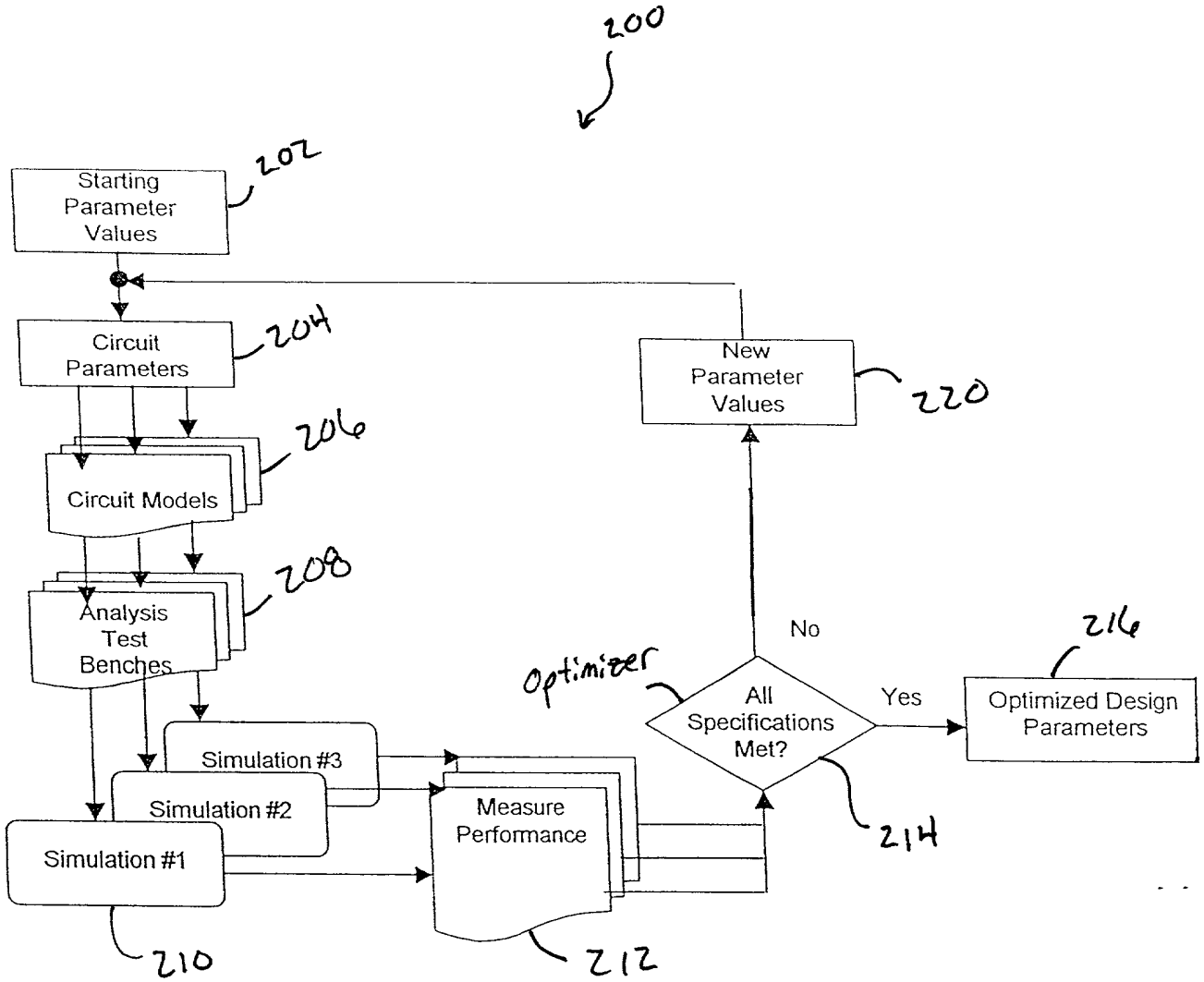
200
Starting Parameter Values
202
Circuit Parameters
204
Circuit Models
206
Analysis Test Benches
208
Simulation #3
Simulation #2
Simulation #1
210
Measure Performance
212
optimizer
All Specifications Met?
214
No
Yes
New Parameter Values
220
Optimized Design Parameters
216

FIG. 2

Title: MULTIPLE TEST BENCH OPTIMIZER
Docket No.: ANTR-01020US1
Appl. No.: Unknown
Confirm No: Unknown
Filed: Herewith
Applicant(s): Demler, et al.
Attorney: Sheldon R. Meyer
Phone: (415) 362-3800
Express Mail No.: EL 622 697 488 US
Sheet 3 of 4

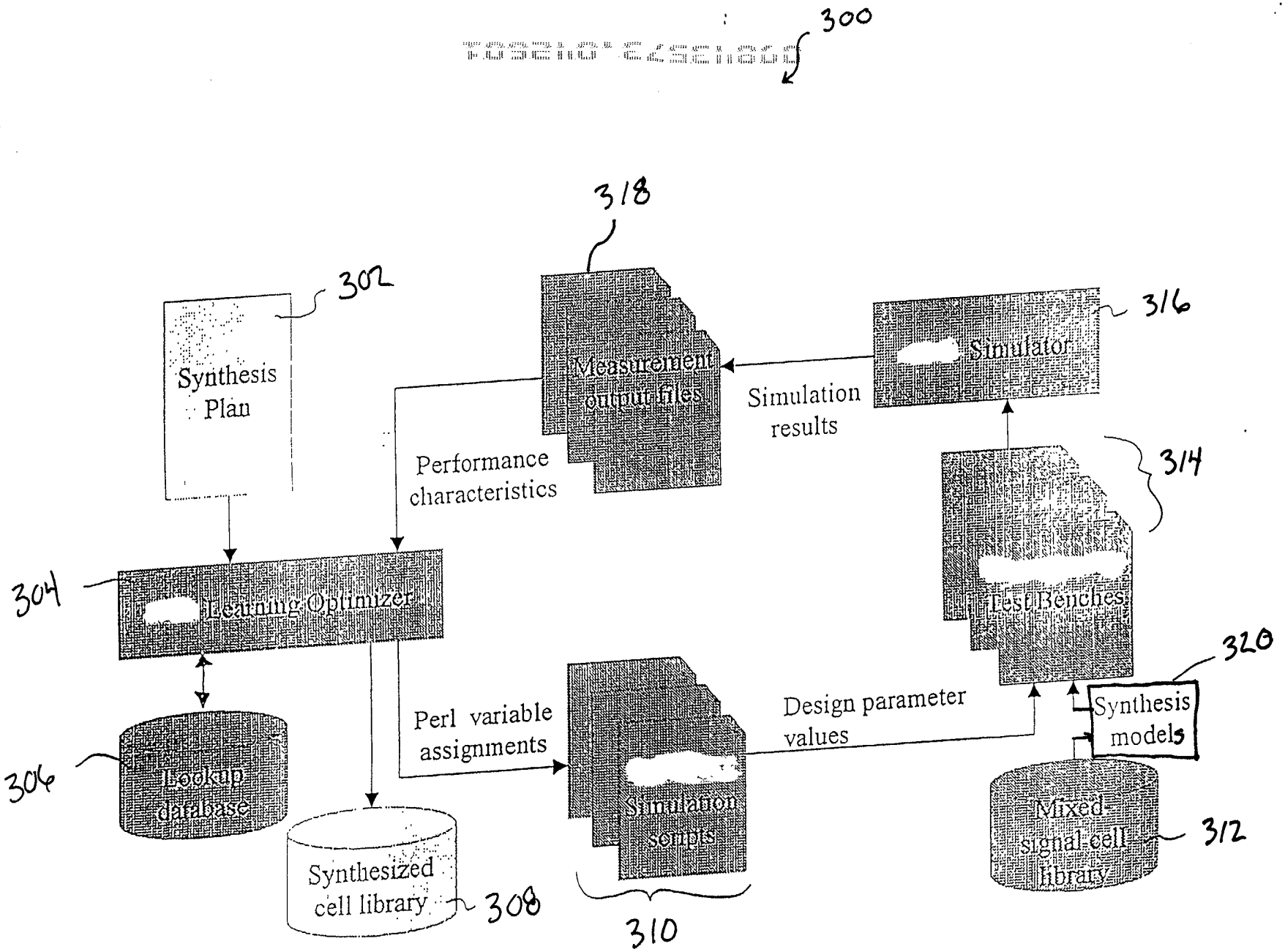

FIG. 3

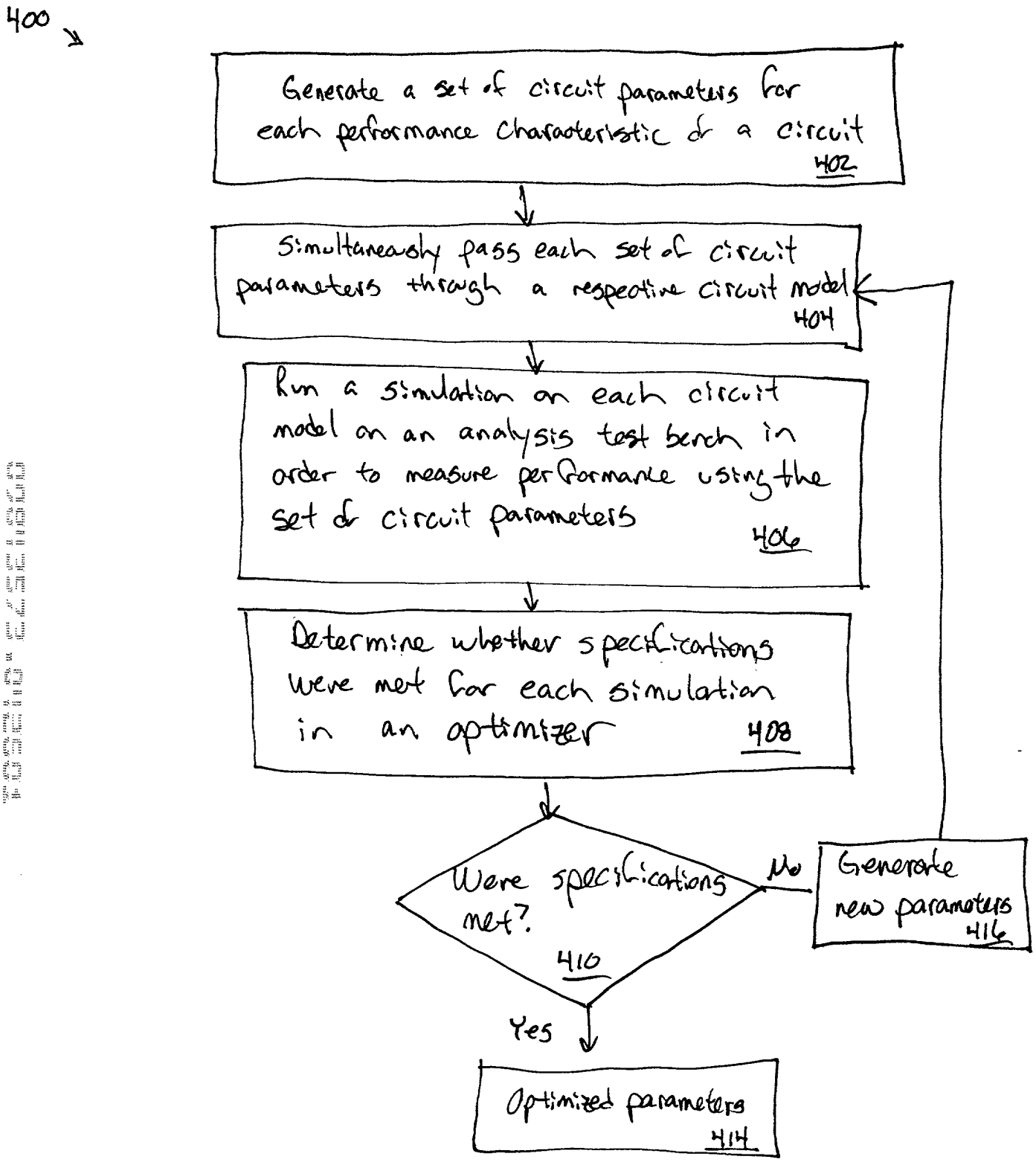
400
Generate a set of circuit parameters for each performance characteristic of a circuit
402
Simultaneously pass each set of circuit parameters through a respective circuit model
404
Run a simulation on each circuit model on an analysis test bench in order to measure performance using the set of circuit parameters
406
Determine whether specifications were met for each simulation in an optimizer
408
Were specifications met?
410
No
Generate new parameters
416
Yes
Optimized parameters
414

Figure 4